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## MENIFEE COUNTY

### (Meniffee County Water Service Area Map)

- Estimated 1999 population of 5,600--65% on public water
- Estimated 2020 population of 6,650--71% on public water
- 140 miles of water lines, with plans for 28 additional miles
- Estimated funding needs for public water 2000-2005--\$2,400,000
- Estimated funding needs for public water 2006-2020--\$8,000,000

Meniffee County had an estimated population of 5,631 (2,252 households) in 1999 with a projected population of 6,631 (3,001 households) in 2020. Public water is provided to about 65 percent of the county's residents. In areas of the county not served by public water, about 2/5 of the households rely on private domestic wells and 3/5 of the households rely on other sources. About 195 customers will be added to public water service through new line extensions in 2000-2020.

#### *Estimated Costs - Proposed Projects, 2000-2005*

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	In \$1000	in \$1000	in \$1000	in \$1000	in \$1000
MENIFEE								-
Frenchburg						8,000		8,000
Total						8,000		8,000

#### *Estimated Costs - Proposed Projects, 2006-2020*

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	in \$1000	in \$1000	in \$1000	in \$1000	in \$1000
MENIFEE								-
Frenchburg	28	194	1,400				1,000	2,400
Total	28	194	1,400				1,000	2,400

## PUBLIC WATER SYSTEMS

Meniffee County is served by the Frenchburg Water Company.

### **FRENCHBURG WATER COMPANY**

PWSID: ..... 0830148  
System Type:..... COMMUNITY  
Owner Type: ..... MUNICIPAL  
Surface Source:  
Purchase Source: ..... BATH COUNTY WATER  
Well Source:

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# WATER SERVICE AREAS

## MENIFEE COUNTY

### Kentucky

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#### WATER SERVICE STATUS BY OWNER

EXISTING SERVICE AREA	PROPOSED SERVICE AREA	
		JEFFERSONVILLE WATER SYSTEM
		FRENCHBURG WATER COMPANY
		BATH COUNTY WATER DISTRICT

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Sells Water to: .....	FRENCHBURG WATER COMPANY
Treatment Plant Capacity (MGD):.....	0.00
Percent Daily Average Production:.....	0.00
Total Tank Storage Capacity (gallons): .....	100,000.00
Total Service Connections: .....	0.00
Number of Employees:.....	5.00
Treatment Operator Class: .....	2D
Distribution Operator Class:	
Customer Rate for 1,000 Gallons:.....	Not available
O/M costs 1997:.....	Not available
O/M costs per Service Connection: .....	Not available
Net Revenue 1997: .....	Not available
Total Water Produced 1997 (gallons):.....	Not available
Water Sold 1997 (gallons):.....	Not available
Unaccounted-for Water 1997 (%): .....	Not available

## PRIVATE DOMESTIC SYSTEMS

About 1,900 residents of Menifee County rely on private domestic water supplies: 750 on wells and 1,150 on other sources.

Wells in alluvium in the valleys of Slate, Salt Lick, and Beaver Creeks yield only a minimum supply of slightly more than 100 gallons per day. The northwestern half of Menifee county lies in the Knobs physiographic region in which rocks in this area generally yield small supplies of water for domestic use. Wells on hills generally will yield smaller quantities of water than wells in valley bottoms. In the central and southeast half of the county usually adequate soft water can be found on broad ridges. Wells in the broad valleys supply adequate water for domestic use, chiefly through fractures.

Salty water may be found locally in a few wells drilled to depths of 100 feet below the level of the principal valley bottoms. Most ground water is moderately hard and contains noticeable amounts of iron.

Springs are commonly found at the base of sandstone and limestone formations in valley bottoms. Some springs supply enough water for domestic use; however, generally they have large seasonal variation in flow.

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